

FLUIDIZED BED REACTOR FOR AMMOXIDATION OF HYDROCARBONS

ABSTRACT

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10 This invention relates to a fluidized bed reactor for ammoxidation of hydrocarbons, with internals installed within the fluidized bed, capable of enhancing the contact efficiency between gas and solid phases and comprising packings, baffles, louver plates, screens and the like. Said fluidized bed reactor of this invention offers a convenient approach to increase the ammonia conversion and may be used in commercial applications.